

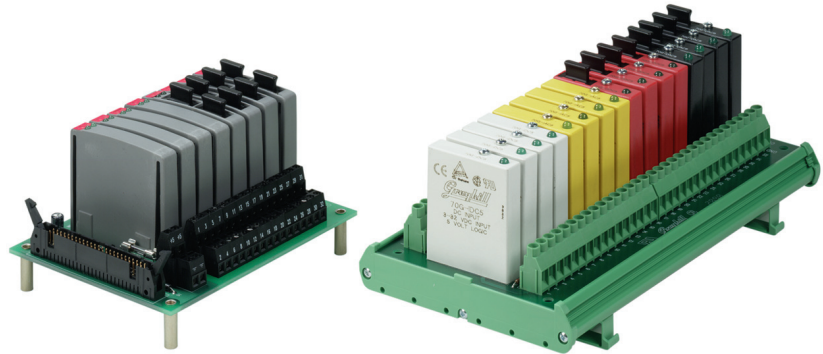
RACKS

16 Channel



FEATURES

- For use with System 50 Style Controllers
- Available for Standard, Miniature, G5 and OpenLine® Modules
- Panel and DIN Rail Mount Versions
- UL, CSA Certified

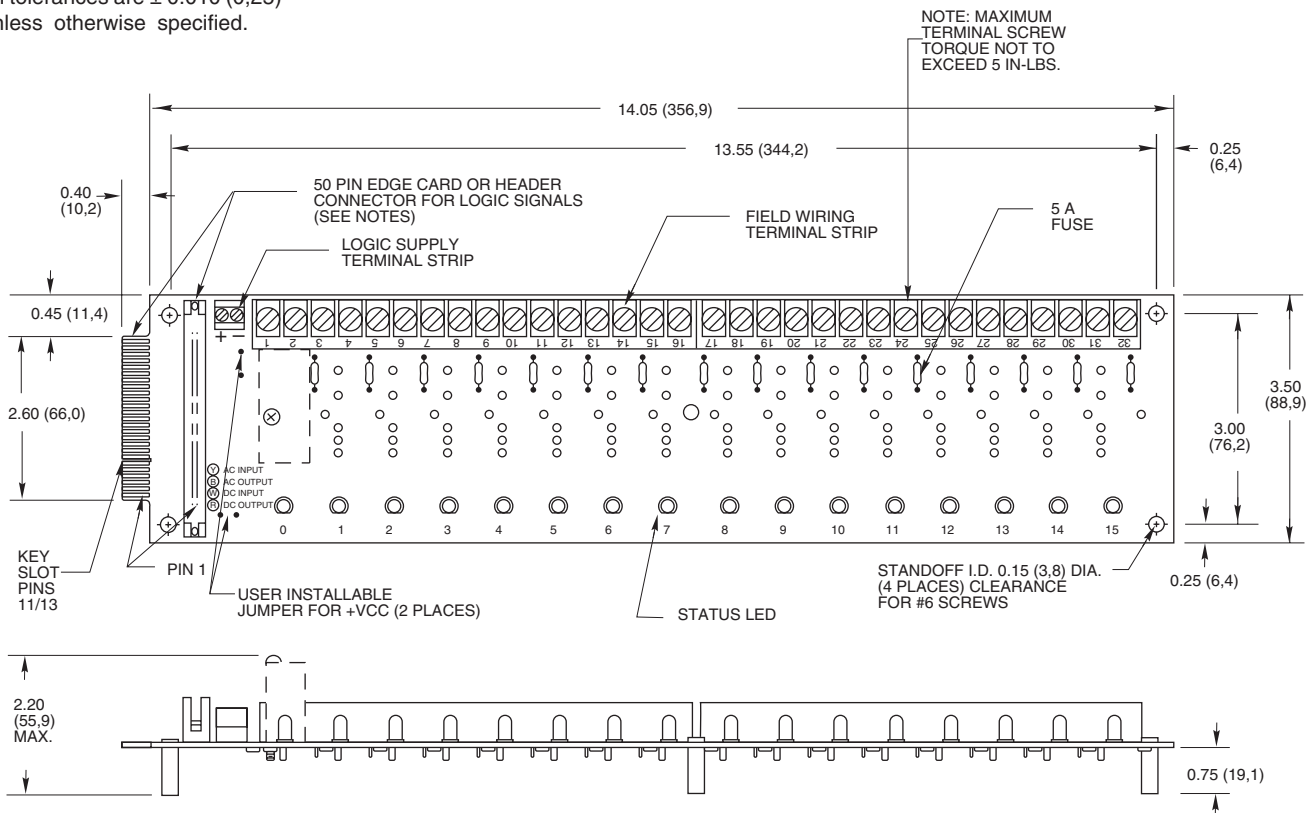


16 CHANNEL RACK: Standard

Part No. 70RCK16

Dimensions are shown in inches (and millimeters).

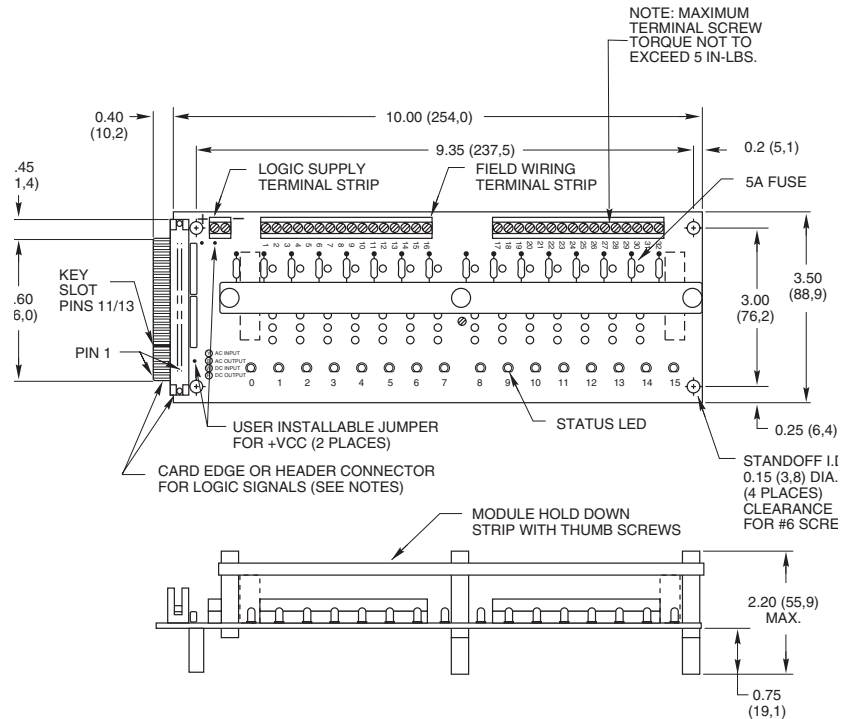
All tolerances are ± 0.010 (0,25) unless otherwise specified.



16 CHANNEL RACK: Miniature

Part No. 70MRCK16

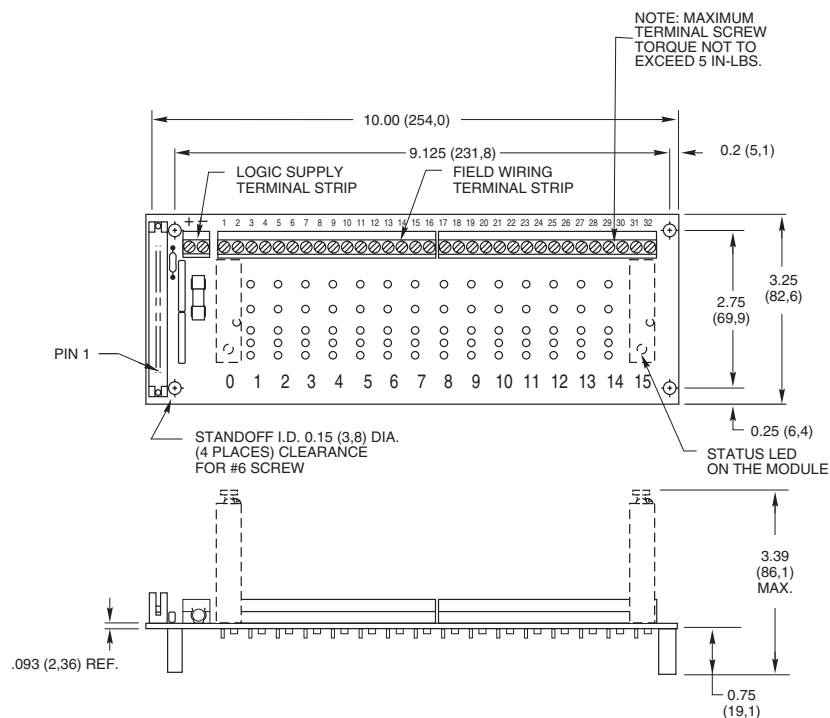
Dimensions are shown in inches
(and millimeters).
All tolerances are ± 0.010 (0,25)
unless otherwise specified.



16 CHANNEL RACK: G5

Part No. 70GRCK16

Dimensions are shown in inches
(and millimeters).
All tolerances are ± 0.010 (0,25)
unless otherwise specified.

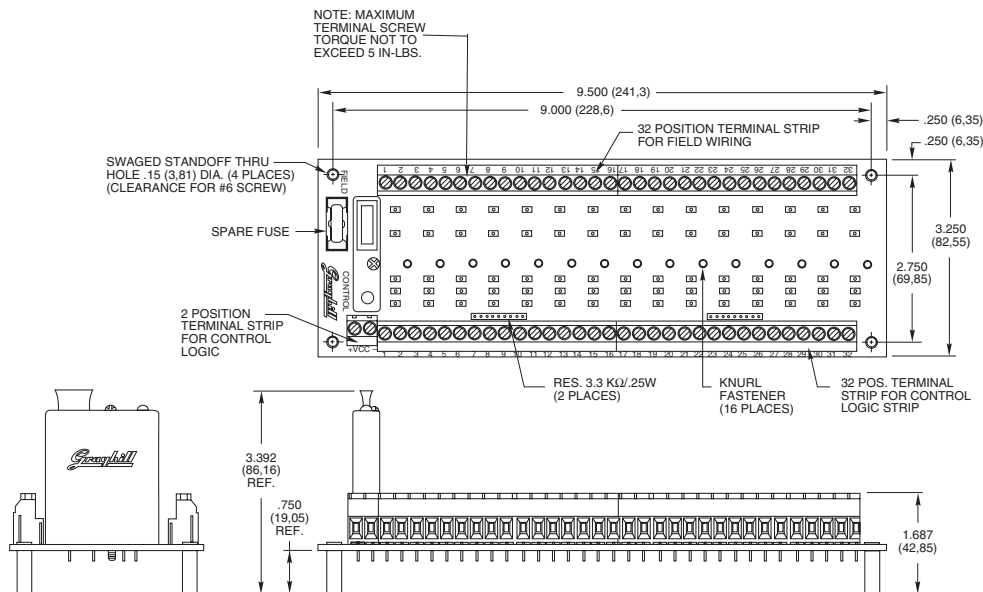


16 CHANNEL RACK: G5 Control and Field Connection Terminal Blocks

Part No. 70GRCK16T

Dimensions are shown in inches
(and millimeters).

All tolerances are ± 0.010 (0,25)
unless otherwise specified.

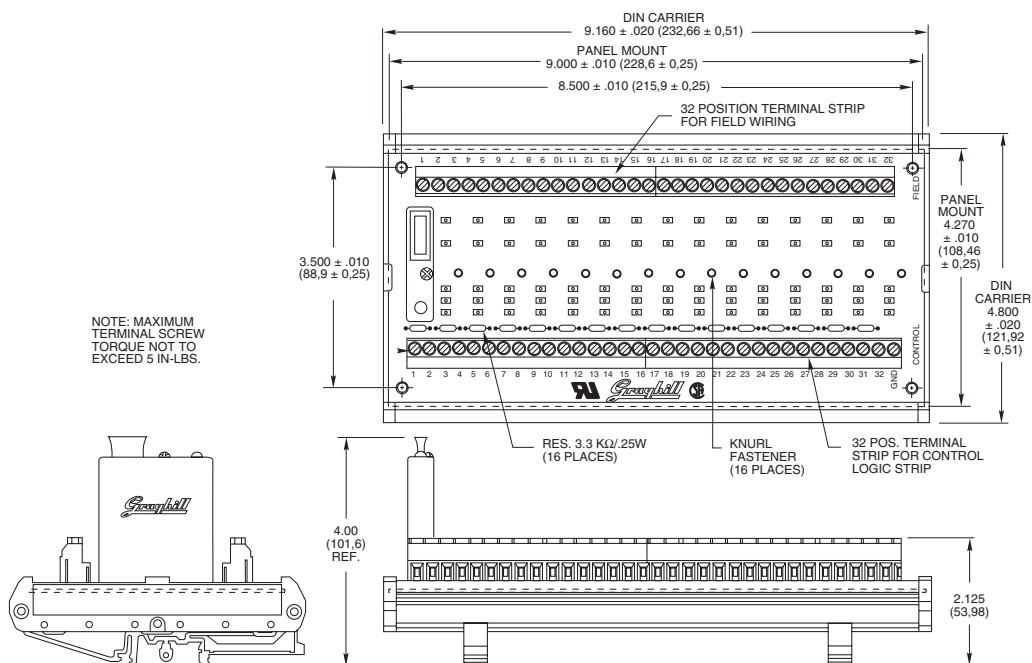


16 CHANNEL RACK: G5 Channel-to-Channel Isolation

Part No. 70GRCK16I and 70GRCK16I-DIN

Dimensions are shown in inches
(and millimeters).

All tolerances are ± 0.010 (0,25)
unless otherwise specified.

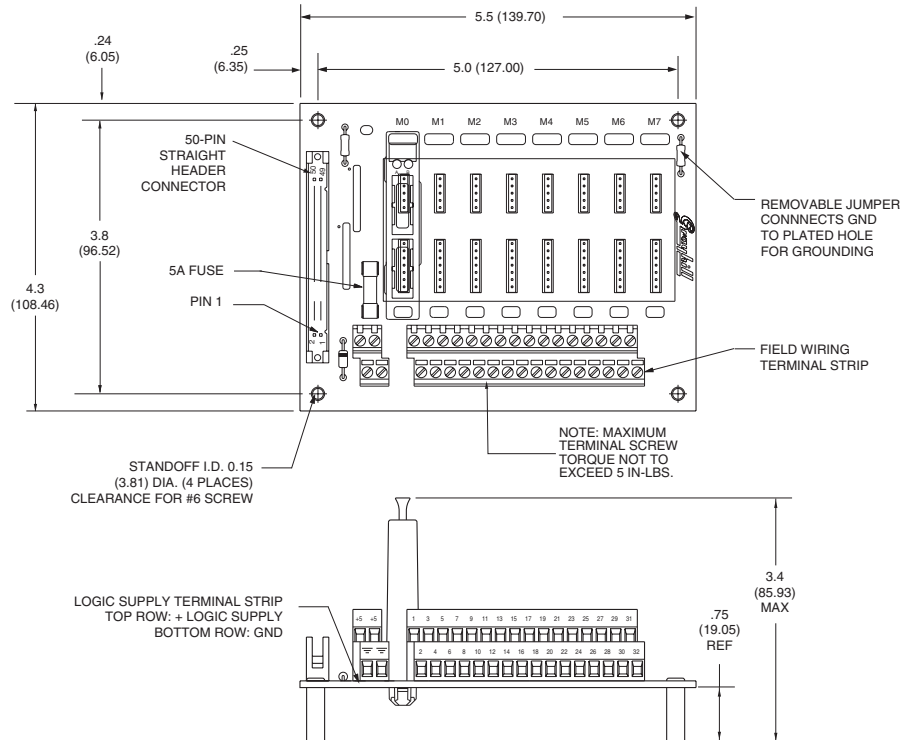


16 CHANNEL RACK: OpenLine® for System 50

Part No. 70LRCK16-HL

Dimensions are shown in inches
(and millimeters).

All tolerances are ± 0.010 (0,25)
unless otherwise specified.



16 CHANNEL RACK: OpenLine® w/ DIN Rail Mount for System 50

Part No. 70LRCK16-DIN

Dimensions are shown in inches
(and millimeters).

All tolerances are ± 0.010 (0,25)
unless otherwise specified.

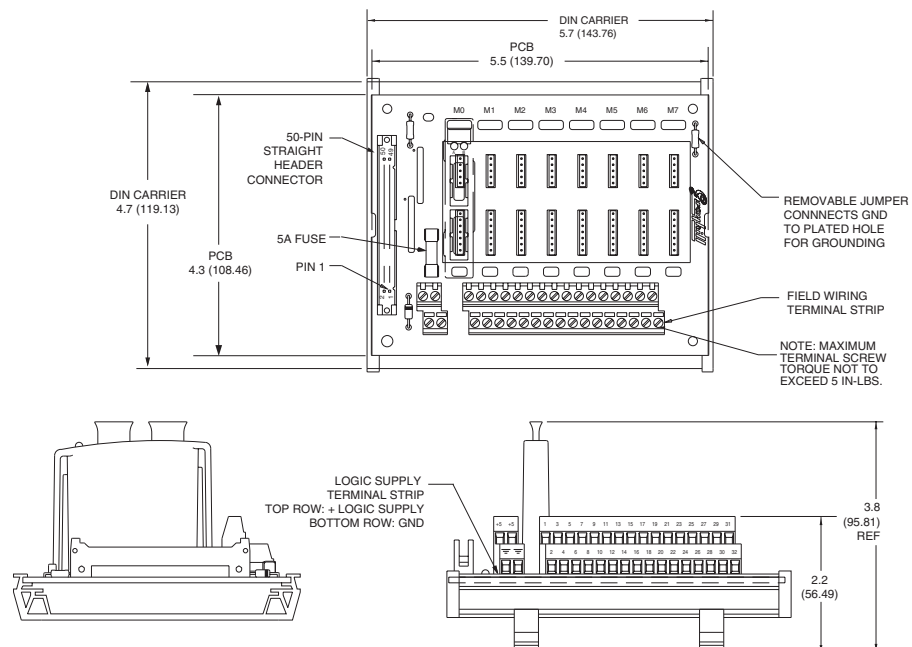
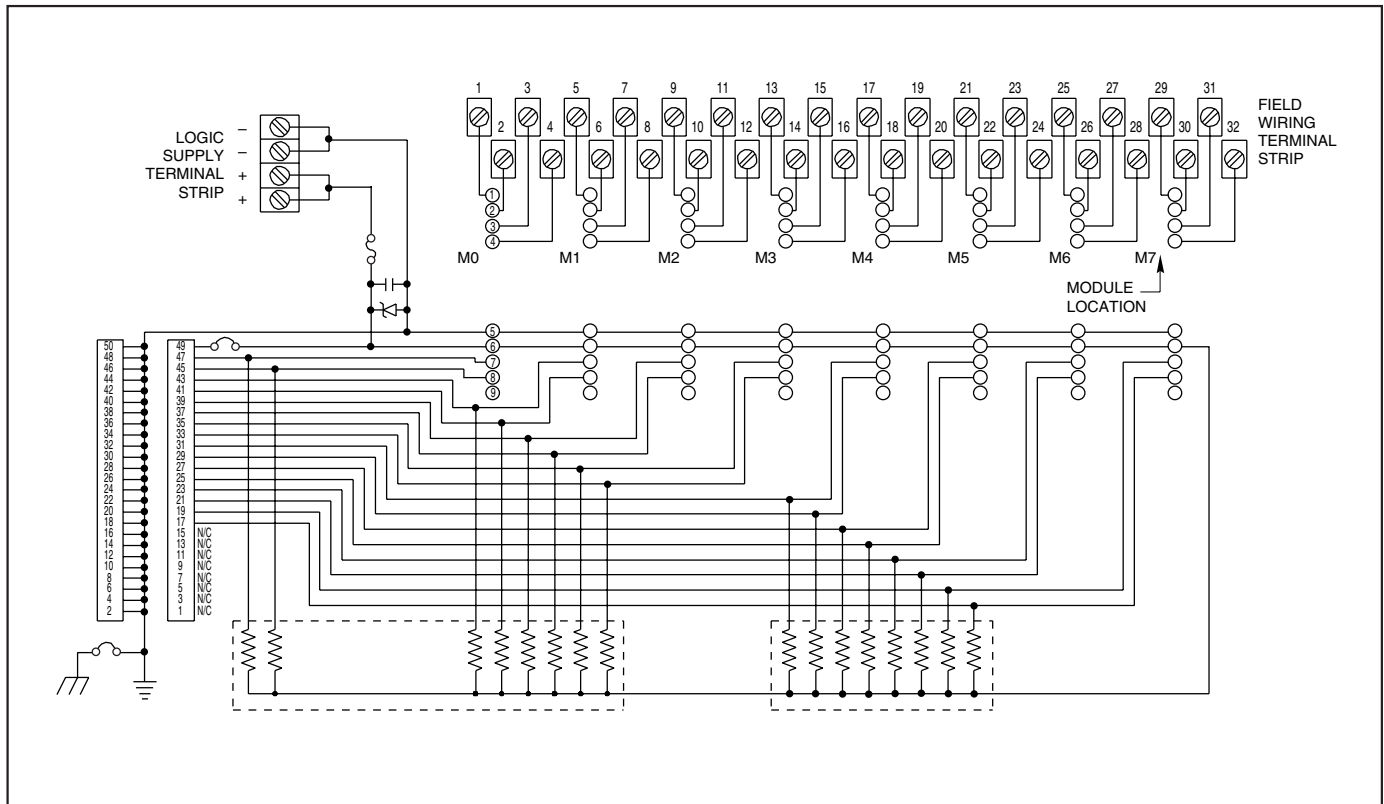
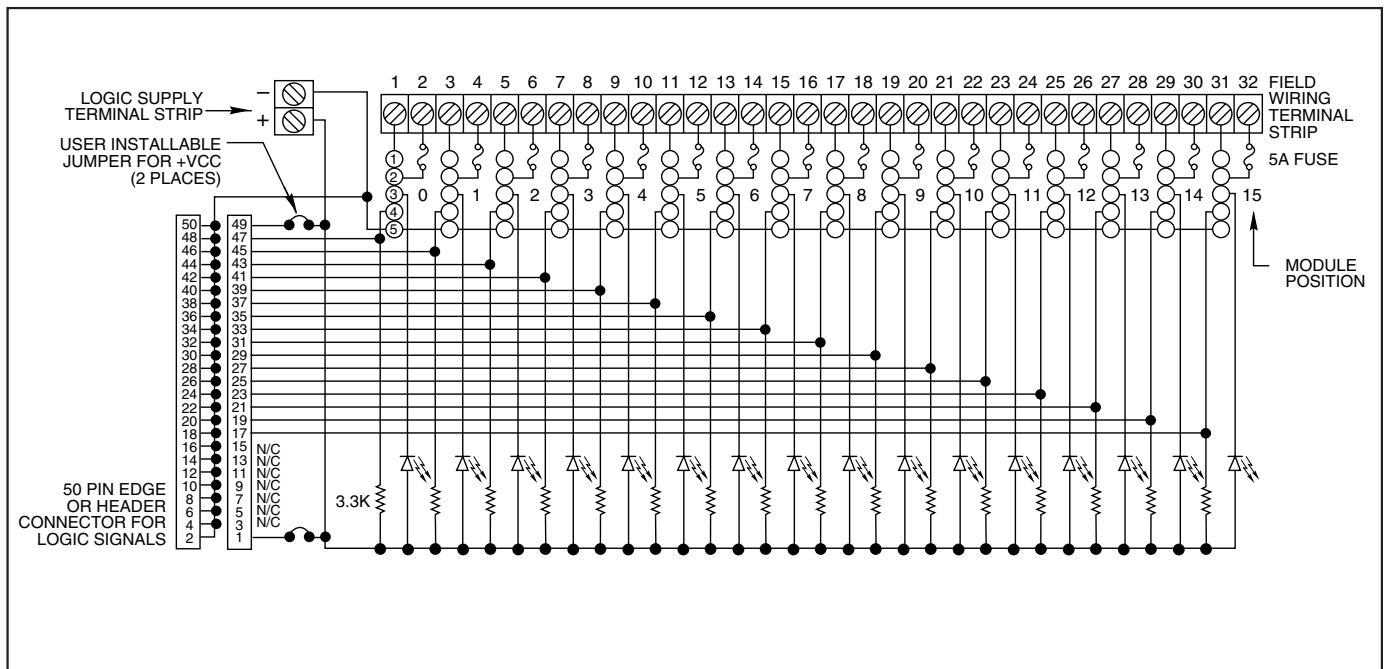


Diagram illustrating the logic supply wiring for the 50-pin header connector. The header pins are numbered 2 through 50. Pins 15, 13, 11, 9, 7, 5, 3, and 1 are labeled "N/C" (Not Connected). The wiring connects the header pins to a logic supply strip, which is then connected to a field wiring terminal strip. A 1 A fuse is connected to the logic supply strip. A user-installable jumper for +VCC is shown. The logic supply strip is connected to a module position indicator.

Diagram of the 16-pin connector for the 68000 module. The diagram shows a 16-pin connector with pins numbered 1 to 16. Pins 1, 3, 5, 7, 9, 11, 13, and 15 are labeled 'END'. Pins 2, 4, 6, 8, 10, 12, 14, and 16 are labeled 'LOGIC'. A 'PULL-UP RESISTOR 5.5 KΩ' is connected to the 'END' pins. A 'CONTROL SIGNAL STRIP' is connected to the 'LOGIC' pins. A 'MODULE LOCATION' label points to the connector.

The diagram illustrates the wiring for 32 modules connected to a control barrier strip. Each module is represented by a vertical strip with 32 pins. The top pins are labeled 1 through 32, and the bottom pins are labeled 1 through 32, with a final GND pin. The modules are connected to a control barrier strip that includes +VCC, LOGIC, and GND connections. A pull-up resistor (3.3 KΩ) is shown connected to the +VCC line. A barrier strip for field wiring of the module is also indicated, along with the module location label.

SCHEMATIC: Part No. 70LRCK16-HL, -DIN

SCHEMATIC: Part Nos. 70RCK16 and 70MRCK16


ORDERING INFORMATION (modules ordered separately)

Part Number	I/O	Description	UL	CSA	Style
70RCK16	16	Card edge	X	X	Standard
70RCK16-HL	16	50-pin header with ejector levers	X	X	Standard
70MRCK16-EC	16	Card edge	X	X	Mini
70MRCK16-HL	16	50-pin header with ejector levers	X	X	Mini
70GRCK16-HL	16	50-pin header with ejector levers	X	X	G5
70LRCK16-HL	16	50-pin header with ejector levers	X	X	OpenLine®
70LRCK16-DIN	16	50-pin header with DIN rail mnt.	X	X	OpenLine®
70GRCK16I	16	Positive or negative true logic* –Panel Mount	X	X	G5
70GRCK16I-DIN	16	Positive or negative true logic* –DIN rail mount	X	X	G5
70GRCK16T	16	Negative true logic*–Panel Mount	X	X	G5

Available from your local Grayhill Distributor. For prices and discounts, contact a local Sales Office, an authorized local Distributor, or Grayhill.

* Positive true logic applies to output modules only.

Mouser Electronics

Authorized Distributor

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Grayhill:

[70MRCK16-HL](#) [70RCK16](#) [70LRCK16-HL](#) [70MRCK16-HS](#) [70MRCK16-EC](#) [70GRCK16-HL](#) [70GRCK16I](#) [70RCK16-HL](#) [70GRCK16I-DIN](#)